

PROGRAMMED CELL-DEATH-ASSOCIATED MOLECULES  
AND USES THEREOF

ABSTRACT OF THE DISCLOSURE

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Novel programmed cell death-like polypeptides, proteins, and nucleic acid  
molecules are disclosed. In addition to isolated, full-length programmed cell death-  
related polypeptides, the invention further provides isolated programmed cell death-  
related fusion proteins, antigenic peptides, and anti-programmed cell death-related  
10 antibodies. The invention also provides programmed cell death-related nucleic acid  
molecules, recombinant expression vectors containing a nucleic acid molecule of the  
invention, host cells into which the expression vectors have been introduced, and  
nonhuman transgenic animals in which a programmed cell death-related gene has been  
introduced or disrupted. Diagnostic, screening, and therapeutic methods utilizing  
15 compositions of the invention are also provided.